## ABSTRACT

An object of the present invention is to provide a novel propylene-based polymer capable of providing a propylene-based polymer with a good adhesion and coatability.

The present invention lies in a propylene-based polymer having a propylene represented by the following characteristics (1) to (3):

(1) The weight-average molecular weight Mw is from not smaller than 5,000 to less than 1,000,000 as measured by GPC;

(2) In $^{13}$C-NMR, peaks derived from the carbon atom in a methyl group in a propylene unit chain formed by head-to-tail bond are observed and, supposing that the chemical shift of the top of a peak assigned to a pentad represented by mmmm is 21.8 ppm, the ratio of the area $S_5$ of the peak having its top at 21.8 ppm to the total area S of peaks appearing within a range of from 19.8 ppm to 22.2 ppm is from not smaller than 10% to not greater than 60%, and, supposing that the area of a peak having its top at 21.5 to 21.6 ppm is $S_6$, the relationship $4 + 2S_5/S_6 > 5$ can be established; and

(3) Regio irregular units based on 2,1-inserted propylene monomer and/or 1,3-inserted propylene monomer are present in its main chain and the sum of the ratio

of regio irregular units based on 2,1-insertion and 1,3-insertion to all propylene insertions is not smaller than 0.05%.